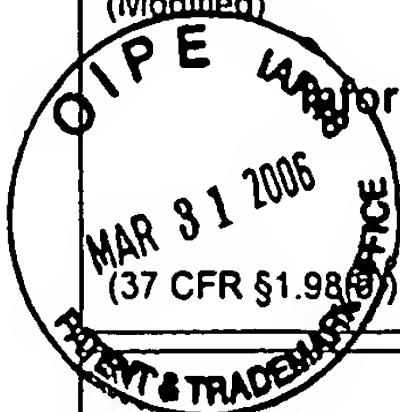


Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
20366-005001/CHIR0022-100;  
PP23697.001Application No.  
10/085,117**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

Applicant  
David W. Morris et al.Filing Date  
February 27, 2002Group Art Unit  
1642**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

**Other Documents (include Author, Title, Date, and Place of Publication)**

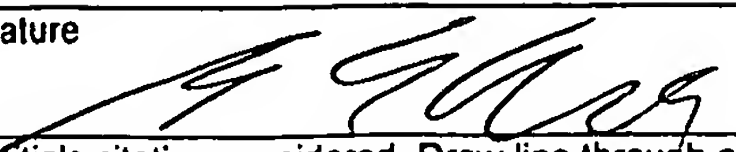
Examiner Initial	Desig. ID	Document
	AQ	International Search Report mailed on November 4, 2005, for PCT patent application no. PCT/US03/06146 filed on February 27, 2003. (4 pages)
	AR	Hatakeyama M. et al. "Interleukin-2 receptor beta chain gene: generation of three receptor forms by cloned human alpha and beta chain cDNA's. <i>Science</i> . May 1989, Vol. 244, No. 4904, pages 551-556, see entire document. (6 pages)
	AS	Dahlman et al. Quantitative trait loci disposing for both experimental arthritis and encephalomyelitis in the DA rat; impact on severity of myelin oligodendrocyte glycoprotein-induced experimental autoimmune encephalomyelitis and antibody isotype pattern. <i>Eur J Immunol</i> . July 1998, Vol. 28, No. 7, pages 2188-2196. (9 pages)

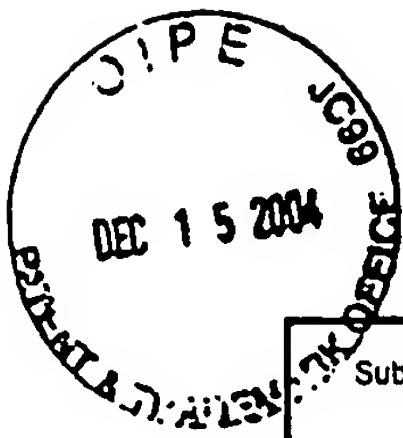
Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 20366-005001/CHIR0022-100; PP23697.001	Application No. 10/085,117		
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))				Applicant David W. Morris et al.			
				Filing Date February 27, 2002	Group Art Unit 1642		
<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>							
Examiner Initial	Desig. ID	Document					
	AT						

Examiner Signature 	Date Considered 8/8/06
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



ALTERNATIVE TO PTO/SB/08a/b (08-03)

<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/085,117
				Filing Date	February 27, 2002
				First Named Inventor	David W. MORRIS
				Art Unit	1645
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	529452000121

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1.	Database GeneCore Accession No. U78076, created on May 14, 1999, last visited on October 24, 2004. Lee et al. "Cloning of Mouse Sepiapterin Reductase Gene and Characterization of its promoter Region," Gene Sequence, <i>Biochim Biophys Acta</i> (1999). Vol 1445, No. 1 pages 165-171. MPSRCH Search Report 2004, 1 page.	
	2.	International Search Report mailed on November 10, 2004 for PCT patent application no. PCT/US02/41414 filed December 26, 2002, 8 pages.	

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	5/12/06
-----------------------	--	--------------------	---------

pa- 941958

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 529452000121

Application Number 10/085,117

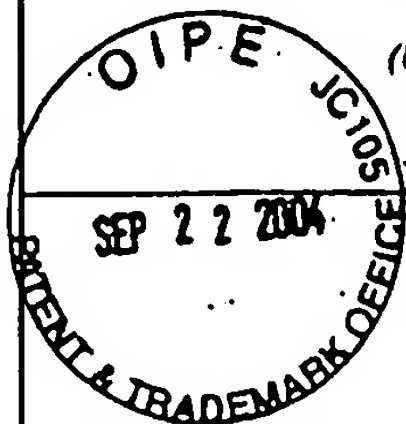
Applicant

David W. MORRIS et al.

Filing Date February 27, 2002

Group Art Unit 1645

Mailing Date September 17, 2004



## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	06/02/1998	5,759,776	Smith et al.			
	2.	07/07/1998	5,776,683	Smith et al.			
	3.	07/27/1999	5,928,870	Lapidus et al.			
	4.	06/13/2000	6,074,825	Rundell et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	5.	International Search Report mailed on July 26, 2004, for PCT patent application no. PCT/US02/38582, filed on December 2, 2002, 8 pages.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 529452000121

Application Number 10/085,117

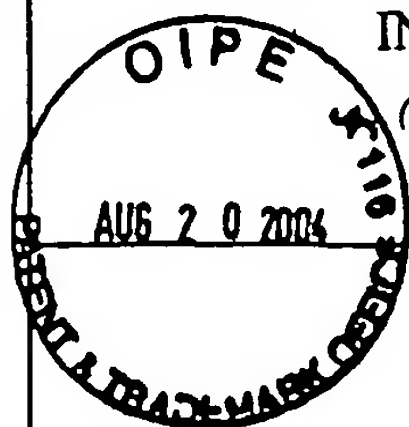
Applicant

David W. MORRIS et al.

Filing Date February 27, 2002

Group Art Unit 1645

Mailing Date August 18, 2004



## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	1.	03/21/2002	WO 02/22660	WIPO			

## OTHER DOCUMENTS

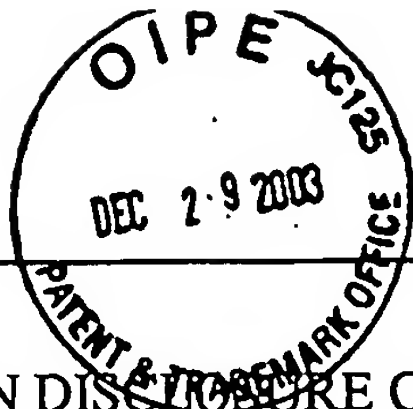
(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	2.	GenBank Accession No. AF357835. Sasaki, S. et al. (2000). "Cloning and Expression of Human B Cell-Specific Transcription Factor BACH <sub>2</sub> Mapped to Chromosome 6q15," <i>Oncogene</i> 19:3739-3749. (Abstract Only)
	3.	International Search Report mailed on June 15, 2004, for PCT patent application no. PCT/US02/36071 filed on November 8, 2002, 5 pages.
	4.	International Search Report mailed on June 16, 2004, for PCT patent application no. PCT/US03/40082 filed on December 15, 2003, 5 pages.
	5.	Sasaki, S. et al. (2000). "Cloning and Expression of Human B Cell-Specific Transcription Factor BACH <sub>2</sub> Mapped to Chromosome 6q15," <i>Oncogene</i> 19:3739-3749.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 529452000121

Application Number 10/085,117

Applicant

David W. MORRIS et al.

Filing Date February 27, 2002

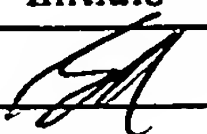
Group Art Unit 1645

Mailing Date December 23, 2003

U.S. PATENT DOCUMENTS


Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	1.	12/13/2001	WO 01/94629	WIPO			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	2.	International Search Report mailed on December 1, 2003, for PCT patent application no. PCT/US02/33835 filed on October 22, 2002, 4 pages.

EXAMINER:



DATE CONSIDERED:

8/18/06

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 529452000121

Application Number 10/085,117

Applicant

David W. MORRIS and Eric K. ENGELHARD

Filing Date February 27, 2002

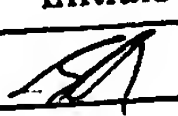
Group Art Unit 1645

Mailing Date October 27, 2003

## U.S. PATENT DOCUMENTS


Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	1.	01/30/2003	WO 03/008583	WIPO			

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	2.	Berns, A. (Date unknown). "Table A: Retroviral Insertion Sites in EμMyc and EμMyc; Pim1 <sup>-/-</sup> Pim2 <sup>-/-</sup> Lymphomas <sup>a</sup> ," published in the advance online issue of <i>Nature Genetics</i> , 13 pages total.
	3.	Berns, A. (Date unknown). "Web Fig A," describing PIM protein actions, published in the advance online issue of the <i>Nature Genetics</i> , 1 page total.
	4.	Campbell, A. M. (1984). "The Production and Characterization of Rodent and Human Hybridomas," Chapter 1 <i>In Monoclonal Antibody Technology</i> . Burdon, R. H and van Knippenberg, P. H., eds, Elsevier, pp.1-32.
	5.	Database GenCore on STN, Accession NO. U52152, Schoots et al. "Cloning of Four Inwardly Rectifying Potassium Channels from Human," <i>Direction Submission</i> March 25, 1996 amino Acid and Nucleic acid Sequences
	6.	Database GenCore on STN, on Accession Number AF275818, Yang et al. 23 July 2000. "A Family of Novel PR- Domain (PRDM) Genes as Candidate Tumor Suppressors"
	7.	Hunter, W. M. and Greenwood, F. C. (1962). "Preparation of Iodine-131 Labelled Human Growth Hormone of High Specific Activity," <i>Nature</i> 194:495-496.
	8.	Jiang, G-L et al. (2000). "The Yin-Yang of PR-Domain Family Genes in Tumorigenesis," <i>Histol. Histopathol.</i> 15(1):109-117.
	9.	Lohuizen, V. (Date unknown). "Web Table A," describing genomic positions insertion site sequences analyzed against the Celera Mouse Genome Database (CMGD Release 12), published in the advance online issue of <i>Nature Genetics</i> , 9 pages total.

EXAMINER:

DATE CONSIDERED: 8/8/06

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

OCT 29 2003

(Use several sheets if necessary)

Docket Number 529452000121

Application Number 10/085,117

Applicant

David W. MORRIS and Eric K. ENGELHARD

Filing Date February 27, 2002

Group Art Unit 1645

Mailing Date October 27, 2003

10.

Lohuizen, V. (Date unknown). "Web Table B," describing Genomic positions of insertion site sequences analyzed against the Ensemble Mouse Genome Database (February 2002 freeze), published in the advance online issue of *Nature Genetics*, 12 pages total.

11.

Lohuizen, V. (Date unknown). "Web Table C," listing GenBank Accession Numbers, published in the advance online issue of *Nature Genetics*, 11 pages total.

12.

Sawai, H. et al. (1984). "Synthesis and Properties of Oligoadenylic Acids Containing 2'-5' Phosphoramidate Linkage," *Chem. Lett.* pgs. 805-808.

13.

Schoots, O. et al. (1999). "Co-Expression of Human Kir3 Subunits Can Yield Channels with Different Functional Properties," *Cell Signal* 11(12):871-883.

14.

Skinner, R. H. et al. (1991). "Use of the Glu-Glu-Phe C-Terminal Epitope for Rapid Purification of the Catalytic Domain of Normal and Mutant Ras GTPase-Activating Proteins," *J. Biol. Chem.* 266(22):14163-14166.

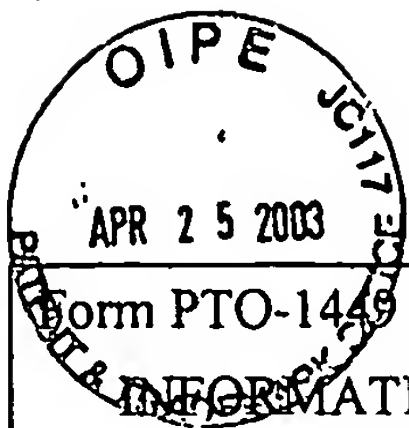
EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE





<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number 529452000121	Application Number 10/085,117
	Applicant  David W. MORRIS and Eric K. ENGELHARD	
	Filing Date February 27, 2002	Group Art Unit 1645
	Mailing Date April 15, 2003	

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	12/18/1979	4,179,337	Davis et al.			
	2.	11/17/1981	4,301,144	Iwashita et al.			
	3.	09/04/1984	4,469,863	Ts'o et al.			
	4.	01/29/1985	4,496,689	Mitra			
	5.	02/03/1987	4,640,835	Shimizu et al.			
	6.	06/02/1987	4,670,417	Iwasaki et al.			
	7.	12/13/1988	4,791,192	Nakagawa et al.			
	8.	03/28/1989	4,816,567	Cabilly et al.			
	9.	07/23/1991	5,034,506	Summerton et al.			
	10.	06/23/1992	5,124,246	Urdea et al.			
	11.	06/01/1993	5,216,141	Benner			
	12.	08/10/1993	5,235,033	Summerton et al.			
	13.	10/25/1994	5,359,100	Urdea et al.			
	14.	01/31/1995	5,386,023	Sanghvi et al.			
	15.	08/29/1995	5,445,934	Fodor et al.			
	16.	08/13/1996	5,545,730	Urdea et al.			
	17.	08/13/1996	5,545,806	Lonberg et al.			
	18.	08/13/1996	5,545,807	Surani et al.			
	19.	10/29/1996	5,569,825	Lonberg et al.			
	20.	11/05/1996	5,571,670	Urdea et al.			
	21.	12/03/1996	5,580,731	Chang et al.			
	22.	01/07/1997	5,591,584	Chang et al.			
	23.	01/14/1997	5,594,117	Urdea et al.			
	24.	01/14/1997	5,594,118	Urdea et al.			
	25.	01/28/1997	5,597,909	Urdea et al.			
	26.	02/11/1997	5,602,240	De Mesmaeker et al.			

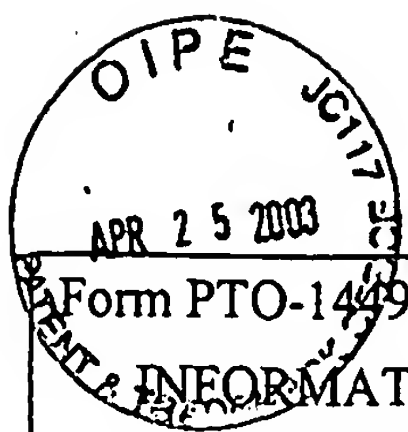
TECH CENTER 1600/2900

APR 28 2003

RECEIVED

EXAMINER:	DATE CONSIDERED: 8/8/06
-----------	-------------------------

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 529452000121

Application Number 10/085,117

Applicant

David W. MORRIS and Eric K. ENGELHARD

Filing Date February 27, 2002

Group Art Unit 1645

Mailing Date April 15, 2003

27.	04/29/1997	5,624,802	Urdea et al.			
28.	04/29/1997	5,625,126	Lonberg et al.			
29.	05/27/1997	5,633,425	Lonberg et al.			
30.	06/03/1997	5,635,352	Urdea et al.			
31.	06/10/1997	5,637,684	Cook et al.			
32.	07/01/1997	5,644,048	Yau			
33.	08/26/1997	5,661,016	Lonberg et al.			
34.	10/28/1997	5,681,697	Urdea et al.			
35.	10/28/1997	5,681,702	Collins et al.			
36.	12/23/1997	5,700,637	Southern			
37.	11/28/2000	6,153,441	Appelbaum et al.			

TECH CENTER 1600/2900

APR 28 2003

RECEIVED

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation	
							YES	NO
SA	38.	09/11/1987	WO 87/05330	WIPO				
	39.	09/20/1990	WO 90/10448	WIPO				
	40.	04/18/1991	WO 91/04753	WIPO				
	41.	11/11/1993	WO 93/22443	WIPO				
	42.	09/21/1995	WO 95/25116	WIPO				
	43.	12/28/1995	WO 95/35505	WIPO				
	44.	07/31/1997	WO 97/27212	WIPO				
	45.	07/31/1997	WO 97/27213	WIPO				

## OTHER DOCUMENTS

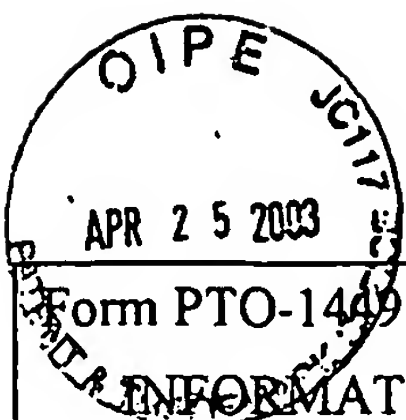
(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
SA	46.	Allen, J. D. and Berns, A. (1996). "Complementation Tagging of Cooperating Oncogenes in Knockout Mice," <i>Cancer Biology</i> 7:299-306.
	47.	Altschul, S. F. and Gish, W. (1996). "Local Alignment Statistics" <i>In Methods in Enzymology</i> Vol. 266. Academic Press, Inc., pp. 460-480.
	48.	Altschul, S. F. et al. (1990). "Basic Local Alignment Search Tool," <i>J. Mol. Biol.</i> 215:403-410.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Docket Number 529452000121	Application Number 10/085,117
	Applicant David W. MORRIS and Eric K. ENGELHARDT	
	Filing Date February 27, 2002	Group Art Unit 1645
	Mailing Date April 15, 2003	

49.	Aplin, J. D. and Wriston, Jr., J. C. (1981). "Preparation, Properties, and Applications of Carbohydrate Conjugates of Proteins and Lipids," <i>CRC Crit. Rev. Biochem.</i> pp. 259-306.
50.	Arenberg, D. A. et al. (2001). "The Murine CC Chemokine, 6C-Kine, Inhibits Tumor Growth and Angiogenesis in a Human Lung Cancer SCID Mouse Model," <i>Cancer Immunol. Immunother</i> 49:587-592.
51.	Ausubel, F. M. et al., eds. (1992). <u>Short Protocols in Molecular Biology</u> . Greene Publishing Associates and John Wiley & Sons, pp. iii-xviii (Table of Contents Only).
52.	Bai, J. et al. (1999). "Sequence Comparion of JSRV with Endogenous Proviruses: Envelope Genotypes and a Novel ORF With Similarity to a G-Protein-Coupled Receptor," <i>Virology</i> 258:333-343.
53.	Beaucage, S. L. and Iyer, R. P. (1993). "The Functionalization of Oligonucleotides Via Phosphoramidite Derivatives," <i>Tetrahedron</i> 49(10):1925-1963.
54.	Boener, P. et al. (1991). "Production of Antigen-Specific Human Monoclonal Antibodies from in Vitro-Primed Human Splenocytes," <i>J. Immunol.</i> 147(1):86-95.
55.	Bolli, M. et al. (1994). " $\alpha$ -Bicyclo-DNA: Synthesis, Characterization, and Pairing Properties of $\alpha$ -DNA-Analogues with Restricted Conformational Flexibility in the Sugar-Phosphate Backbone," Chapter 7 <i>In Carbohydrate Modifications in Antisense Research</i> , ACS Symposium Series 580, Shanghvi, Y. S and Cook, P. D, eds, American Chemical Society, Washington, pp. 100-117.
56.	Brill, W. et al. (1989). "Synthesis of Oligodeoxynucleoside Phosphoridithioates via Thioamidites," <i>J. Am Chem soc.</i> 111:2321-2322.
57.	Brower, V. (1998). "Naked DNA Vaccines Come of Age," <i>Nature Biotechnology</i> 16:1304-1305.
58.	Carlsson, C. et al. (1996). "Screening for Genetic Mutations," <i>Nature</i> 380:207 (1 page total).
59.	Cole, S.P.C., et al. (1985). "The EBV-Hybridoma Technique and Its Application to Human Lung Cancer," <i>In Monoclonal Antibodies and Cancer Therapy</i> , Reisfeld, R. A. and Sell, S., ed., Alan R. Liss, New York, p. 77-96 (Includes Table of Contents).
60.	Creighton, T. E., ed. (1983). "Posttranslational Covalent Modifications of Polypeptide Chains," Chapter 2.4 <i>In Proteins: Structure and Molecular Properties</i> . W. H. Freeman & Co., San Francisco pp. 78-86 (Includes Table of Contents).
61.	David, G. S. and Reisfeld, R. A. (1974). "Protein Iodination with Solid State Lactoperoxidase," <i>Biochemistry</i> 13(5):1014-1021.
62.	De Mesmaeker, A. et al. (1994). "Comparison of Rigid and Flexible Backbones in Antisense Oligonucleotides," <i>Bioorganic &amp; Medicinal Chem. Lett.</i> 4(3):395-398.
63.	De Mesmaeker, A. et al. (1994). "Novel Backbone Replacements for Oligonucleotides," Chapter 2 <i>In Carbohydrate Modifications in Antisense Research</i> ACS Symposium Series 580. Shanghvi, Y. S and Cook, P. D, eds, American Chemical Society, Washington, pp. 24-39.
64.	Dempcy, R. O. et al. (1995). "Synthesis of a Thymidyl Pentamer of Deoxyribonucleic Guanidine and Binding Studies with DNA Homopolynucleotides," <i>Proc. Natl Acad. Sci. USA</i> 92:6097-6101.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 529452000121

Application Number 10/085,117

Applicant

David W. MORRIS and Eric K. ENGELHART

Filing Date February 27, 2002

Group Art Unit 1645

Mailing Date April 15, 2003

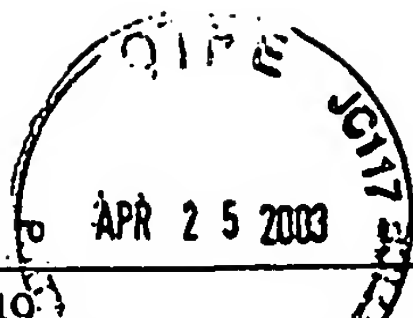
65. Desbois, C. et al. (1996). "Exclusion of *Int-6* from PML Nuclear Bodies by Binding to the *Int-6* V-1 Tax Oncoprotein," *Science* 273:951-953.
66. Devereux et al. (1984). "A Comprehensive Set of Sequence Analysis Programs for the VAX," *Nuc. Acid. Res.* 12(1):387-395.
67. Doudney, K. et al. (2001). "Comparative Physical and Transcript Maps of ~ 1 Mb around *looptail*, a Gene for Severe Neural Tube Defects on Distal Mouse Chromosome 1 and Human Chromosome 1q22-q23," *Genomics* 72(2):180-192.
68. Eckstein, F., ed. (1991). *Oligonucleotides and Analogues: A Practical Approach*, Oxford University Press, vii-xvii. (Table of Contents Only).
69. Edge, A. S. B. et al. (1981). "Deglycosylation of Glycoproteins by Trifluoromethanesulfonic Acid," *Anal. Biochem.* 118:131-137.
70. Egholm, M. (1993). "PNA Hybridizes to Complementary Oligonucleotides Obeying the Watson-Crick Hydrogenbonding," *Nature* 365:566-568.
71. Elgholm, M. et al. (1992). "Peptide Nucleic Acids (PNA). Oligonucleotide Analogues with an Achiral Peptide Backbone," *J. Am. Chem. Soc.* 114:1895-1897.
72. Emy, K. M. et al. (1996). "Involvement of the *Tpl-2lco* Oncogene in MMTV Tumorigenesis," *Oncogene* 13:2015-2020.
73. Evan, G. I. et al. (1985). "Isolation of Monoclonal Antibodies Specific for Human c-myc Proto-Oncogene Product," *Biology* 5(12):3610-3616.
74. Fan, L. et al. (2000). "Cutting Edge: Ectopic Expression of the Chemokine TCA4/SLC is Sufficient to Trigger Lymphoid Neogenesis," *J. Immunol.* 164(8):3955-3959.
75. Feng, D. F. & Doolittle, R. F. (1987). "Progressive Sequence Alignment as a Prerequisite to Correct Phylogenetic Trees," *J. Mol. Evol.* 25:351-360.
76. Field, J. et al. (1988). "Purification of a RAS-Responsive Adenylyl Cyclase Complex from *Saccharomyces Cerevisiae* by Use of a Epitope Addition Method," *Mol Cell. Biol.* 8(5):2159-2165.
77. Fishwild, D. M. et al. (1996). "High-Avidity Human IgGk Monoclonal Antibodies from a Novel Strain of Minilocus Transgenic Mice," *Nature Biotechnology* 14:845-851.
78. Gallahan, D. and Callahan, R. (1987). "Mammary Tumorigenesis in Feral Mice: Identification of a New *int* Locus in Mouse Mammary Tumor Virus (Czech II)-Induced Mammary Tumors," *J. Virol.* 61(1):66-74.
79. Gao, X. and Jeffs, W. P. (1994). "Unusual Conformation of a 3'-thioformacetal Linkage in a DNA Duplex," *J. Biomolecular NMR* 4:17-34.
80. Germer, S. et al. (2000). "High-Throughput SNP Allele-Frequency Determination in Pooled DNA Samples by Kinetic PCR," *Genome Res.* 10:258-266.
81. Goding, J. W. (1986). "Production of Monoclonal Antibodies," Chapter 3 *In Monoclonal Antibodies: Principles and Practice*, Academic Press, Inc. 2<sup>nd</sup> edition, pp. 59-103.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.





Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 529452000121

Application Number 10/085,117

Applicant

David W. MORRIS and Eric K. ENGELHARDT

Filing Date February 27, 2002

Group Art Unit 1645

Mailing Date April 15, 2003

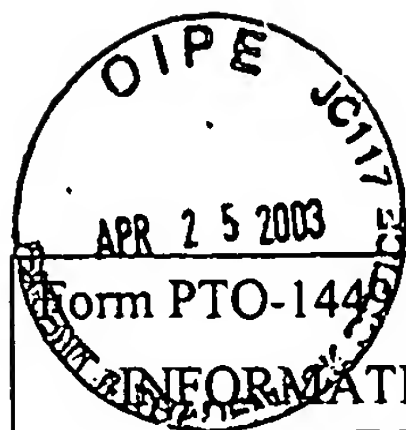
RECEIVED  
TECH CENTER  
APR 28 2003  
160012900

82. Hansen, G. M. et al. (2000). "Genetic Profile of Insertion Mutations in Mouse Leukemias and Lymphomas," *Genome Res.* 10(2):237-243.
83. Heid, C. A et al. (1996). "Real Time Quantitative PCR," *Genome Research* 6:986-994.
84. Herdewjn, P. et al. (1994). "Hexopyranosyl-Like Oligonucleotides," Chapter 6 *In Carbohydrate Modifications in Antisense Research* ACS Symposium Series 580. Shanghvi, Y. S and Cook, P. D, eds, American Chemical Society, Washington, pp. 80-99.
85. Higgins, D. G. and Sharp, P. M. (1989). "Fast and Sensitive Multiple Sequence Alignments on a Microcomputer," *CABIOS* 5(2):151-153.
86. Hoogenboom, H. R. and Winter, G. (1991). "By-Passing Immunisation Human Antibodies from Synthetic Repertoires of Germline V<sub>H</sub> Gene Segments Rearranged in Vitro," *J. Mol. Biol.* 227:381
87. Hopp, T. P. et al. (1988). "A Short Polypeptide Marker Sequence Useful for Recombinant Protein Identification and Purification," *Biotechnology* 6:1204-1210.
88. Horn, T. et al. (1996). "Oligonucleotides with Alternating Anionic and Cationic Phosphoramidate Linkages: Synthesis and Hybridization of Stereo-Uniform Isomers," *Tetrahedron Letters* 37(6):743-746.
89. Hwang, H. C. et al. (2002). "Identification of Oncogenes Collaborating with p27<sup>Kip1</sup> Loss by Insertional Mutagenesis and High-Throughput Insertion Site Analysis," *Proc. Natl Acad. Sci. USA* 99(17):11293-11298 (Includes supporting information).
90. Jenkins, G. N. and Turner, N. J. (1995). "The Biosynthesis of Carbocyclic Nucleosides," *Chem. Soc. Rev.* pp. 169-176.
91. Jones, P. T. et al. (1986). "Replacing the Complementarity-Determining Regions in a Human Antibody with Those from a Mouse," *Nature* 321:522-525.
92. Jonkers, J. and Berns, A. (1996). "Retroviral Insertional Mutagenesis as a Strategy to Identify Cancer Genes," *Biochim. Biophys. Acta* 1287:29-57.
93. Joosten, M. et al. (2000). "Phenotyping of Evi 1, Evi 11/Cb2, and Evi 12 Transformed Leukemias Isolated from a Novel Panel of Cas-Br-M Murine Leukemia Virus-Infected Mice," *J. Virology* 268:308-318.
94. Jung, M. P. et al. (1994). "Hybridization of alternating Cationic/Anionic Oligonucleotides to RNA Segments," *Nucleosides & Nucleotides* 13(6&7):1597-1605.
95. Karlin, S. et al. (1993). "Applications and Statistics for Multiple High-Scoring Segments in Molecular Sequences," *Proc. Natl Acad. Sci. USA* 90:5873-5787.
96. Köhler, G. and Milstein, C. (1975). "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity," *Nature* 256:495-497.
97. Kohno, T. et al. (2000). "Identification of Genes Associated with the Progression of Adult T-Cell Leukemia (ATL)," *Jpn J. Cancer Res.* 91:1103-1110.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 529452000121

Application Number 10/085,117

Applicant

David W. MORRIS and Eric K. ENGELHARD

Filing Date February 27, 2002

Group Art Unit 1645

Mailing Date April 15, 2003

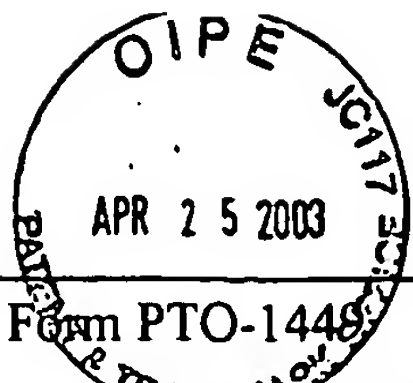
RECEIVED  
APR 28 2003  
TECH CENTER 160013000

98. / Lee, F. S. et al. (1995). "Insertional Mutagenesis Identifies a Member of the *Wnt* Gene Family as a Candidate Oncogene in the Mammary Epithelium of *int-21/Fgf-3* Transgenic Mice," *Proc. Natl. Acad. Sci. USA* 92:2268-2272.
99. / Lee, S. Wong et al. (1999). "Cloning of Mouse Sepiapterin Reductase Gene and Characterization of its Promoter Region," *Biochimica and Biophysica Acta* 1445(1):165-171.
100. / Letsinger, R. L. et al. (1986). "Effects of Pendant Group at Phosphorus on Binding Properties of d-ApA Analogues," *Nucl. Acids. Res* 14:3487-3499.
101. / Letsinger, R. L. et al. (1988). "Cationic Oligonucleotides," *J. Am. Chem. Soc.* 110:4470-4471.
102. / Letsinger, R.L. and Mungall, W. S. (1970). "Phosphoramidate Analogs of Oligonucleotides," *J. Org. Chem* 35(11):3800-3803.
103. / Li, J. et al. (1999). "Leukaemia Disease Genes: Large-Scale Cloning and Pathway Predictions," *Nature Genetics* 23:348-353.
104. / Lockhart, D. J. et al. (1996). "Expression Monitoring by Hybridization High-Density Oligonucleotide Arrays," *Nature Biotechnology*, 14:1675-1680.
105. / Lonberg, N. and Huszar, D. (1995). "Human Antibodies from Transgenic Mice," *Intern. Rev. Immunol.* 13:65-93.
106. / Longberg, N. et al. (1994). "Antigen-Specific Human Antibodies from Mice Comprising Four Distinct Genetic Modifications," *Nature* 368:856-859.
107. / Lund, A. H. et al. (2002). "Genome-Wide Retroviral Insertional Tagging of Genes Involved in Cancer in *Cdkn2a*-Deficient Mice," *Nature Genetics Advance online Publication* pp. 1-6.
108. / Lutz-Freyermuth, C. et al. (1990). "Quantitative Determination That One of Two Potential RNA-Binding Domains of the A Protein Component of the U1 Small Nuclear Ribonucleoprotein Complex Binds with High Affinity to Stem-Loop II of U1 RNA," *Proc. Natl Acad. Sci. USA* 87:6393-6397.
109. / MacArthur, C. A. et al. (1995). "*Fgf-8*, Activated by Proviral Insertion, Cooperates with the *Wnt-1* Transgene in Murine Mammary Tumorigenesis," *J. Virol.* 69(4):2501-2507.
110. / Maddry, J. A. et al. (1994). "Synthesis of Nonionic Oligonucleotide Analogues," Chapter 3 In Carbohydrate Modifications in Antisense Research. ACS Symposium Series 580 Shanghvi, Y. S and Cook, P. D, eds, American Chemical Society, Washington, pp. 40-51.
111. / Mag, M. et al. (1991). "Synthesis and Selective Cleavage of an Oligodeoxynucleotide Containing a Bridged Internucleotide 5'-Phosphorotiate Linkage," *Nucleic Acids Res.* 19:1437-1441.
112. / Marchetti, A. et al. (1995). "*Int-6*, a Highly Conserved, Widely Expressed Gene, is Mutated by Mouse Mammary Tumor Virus in Mammary Preneoplasia," *J. Virol.* 69:1932-1938.
113. / Marks, J. D. et al. (1991). "By-Passing Immunization, Human Antibodies from V-Gene Libraries Displayed on Phage," *J. Mol. Biol.* 222:581-597.
114. / Marks, J. D. et al. (1992). "By-Passing Immunization: Building High Affinity Human Antibodies by Chain Shuffling," *Bio/Technology* 10:779-783.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



<b>Form PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Docket Number 529452000121	Application Number 10/085,117
	Applicant David W. MORRIS and Eric K. ENGELHARD	
	Filing Date February 27, 2002	Group Art Unit 1005
	Mailing Date April 15, 2003	

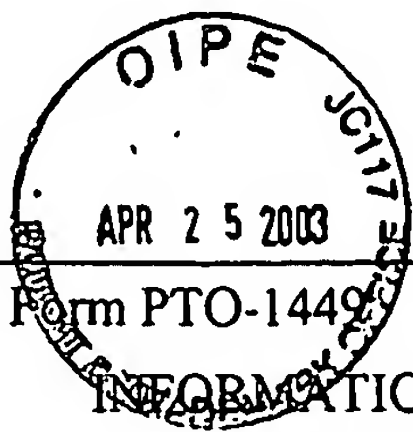
115. <	Martin, G. A. et al. (1992). "GAP Domains Responsible for Ras p21-Dependent Inhibition of Muscarinic Atrial K <sup>+</sup> Channel Currents," <i>Science</i> 255:192-194.
116. /	Meier, C. et al. (1992). "Peptide Nucleic Acids (PNAs) -- Unusual Properties of Nonionic Oligonucleotide Analogues," <i>Angew Chem. Int. ed. Engl.</i> 31(8):1008-1010.
117. /	Mikkers, H. et al. (2002). "High-Throughput Retroviral Tagging to Identify Components of Specific Signaling Pathways in Cancer," <i>Nature Genetics Advance Online Publication</i> , pp. 1-7.
118. /	Moore, A. S. (2001). "The Role of Chemoattraction in Cancer Metastases," <i>BioEssays</i> 23:674-676.
119. /	Morris, D. W. et al. (1986). "Transfer, by Selective Breeding, of the Pathogenic <i>Mtv-2</i> Endogenous Provirus from the GR strain to a Wild Mouse Line Free of Endogenous and Exogenous Mouse Mammary Tumor Virus," <i>J. Virol.</i> 58(2):247-252.
120. /	Morris, D. W. et al. (1990). "Insertion Mutation of the <i>Int-1</i> and <i>Int-2</i> Loci by Mouse Mammary Tumor Virus in Premalignant and Malignant Neoplasms from the GR Mouse Strain," <i>J. Virol.</i> 64(4):1794-1802.
121.	Morrison, S. L. (1994). "Success in Specification," <i>Nature</i> 368:812-813.
122. /	Müller, A. et al. (2001). "Involvement of Chemokine Receptors in Breast Cancer Metastasis," <i>Nature</i> 410:50-56.
123. /	Needleman, S. B. and Wunsch, C. D. (1970). "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins," <i>J. Mol. Biol.</i> 48:443-453.
124. /	Neuberger, M. (1996). "Generating High-Avidity Human Mabs in Mice," <i>Nature Biotechnology</i> 14:826 (1 page total).
125. /	Nusse, R. and Varmus, H. E. (1982). "Many Tumors Induced by the Mouse Mammary Tumor Virus Contain a Provirus Integrated in the Same Region of the Host Genome," <i>Cell</i> 31:99-109.
126. /	Nygren, H. (1982). "Conjugation of Horseradish Peroxidase to Fab Fragments with Different Homobifunctional and Heterobifunctional Cross-Linking Reagents," <i>Histochem. and Cytochem.</i> 30(5):407-412.
127. /	Paborsky, L. R. et al. (1990). "Mammalian Cell Transient Expression of Tissue Factor for the Production of Antigen," <i>Protein Engineering</i> 3(6):547-553.
128. /	Pain, D. and Surolia, A. (1981). "Preparation of Protein A-Peroxidase Monoconjugate Using A.Heterobifunctional Reagent, and its Use in Enzyme Immunoassays," <i>J. Immunol. Meth.</i> 40:219-230
129. /	Palmarini, M. et al. (1999). "Jaagsiekte Sheep Retrovirus is Necessary and Sufficient to Induce a Contagious Lung Cancer in Sheep," <i>J. Virol.</i> 73(8):6964-6972.
130. /	Pauwels, R. et al. (1986). "Biological Activity of New 2-5A Analogues," <i>Chemica Scripta</i> 26:141-145.
131. /	Pearson, W. R. and Lipman, D. J. (1988). "Improved Tools for Biological Sequence Comparison," <i>Proc. Natl Acad. Sci. USA</i> 85:2444-2448.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.





Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 529452000121

Application Number 10/085,117

Applicant

David W. MORRIS and Eric K. ENGELHARDT

Filing Date February 27, 2002

Group Art Unit 1645

Mailing Date April 15, 2003

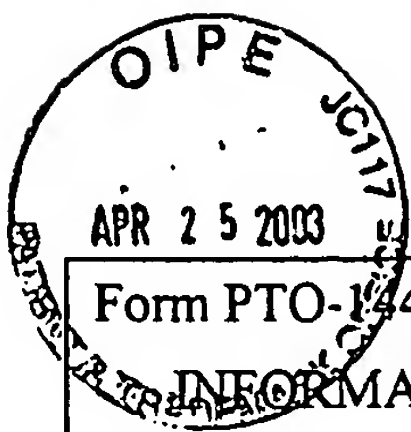
RECEIVED  
APR 28 2003  
TECHNICAL CENTER 1600/16000

132. /	Peters, G. et al. (1983). "Tumorigenesis by Mouse Mammary Tumor Virus: Evidence for a Common Region for Provirus Integration in Mammary Tumors," <i>Cell</i> 33:369-377.
133. /	Peters, G. et al. (1989). "The Mouse Homolog of the <i>Hst/k-FGF</i> Gene is Adjacent to <i>int-2</i> and is Activated by Proviral Insertion in Some Virally Induced Mammary Tumors," <i>Proc. Natl. Acad. Sci. USA</i> 86:5678-5682.
134. /	Pierce (1994). "Cross-Linking," <i>Pierce Catalog and Handbook</i> pp. 155-200.
135. /	Presta, L. G. (1992). "Antibody Engineering", <i>Current Opinion in Structural Biology</i> 2:593-596.
136. /	Rawls, R. L. (1997). "Optimistic About Antisense," <i>C &amp; E News</i> pp. 35-40.
137. /	Riechmann, L. et al. (1988). "Reshaping Human Antibodies for Therapy," <i>Nature</i> 332:323-327.
138. /	Roelink, H. et al. (1990). " <i>Wnt-3</i> , a Gene Activated by Proviral Insertion in Mouse Mammary Tumors is Homologous to <i>int-1/Wnt-1</i> and is Normally Expressed in Mouse Embryos and Adult Brain," <i>Proc. Natl. Acad. Sci. USA</i> 87:4519-4523.
139. /	Sambrook, J. et al., eds. (1989). <u>Molecular Cloning, a Laboratory Manual</u> , Second Edition. Cold Spring Harbor Laboratory Press. pp.xi-xxxviii. (Table of Contents Only).
140. /	Scopes, R. K., ed. (1982). <u>Protein Purification: Principles and Practice</u> . Springer-Verlag, New York, Heidelberg, Berlin, pp. xi-xiii.
141. /	Shiramizu, B. et al. (1994). "Identification of a Common Clonal Human Immunodeficiency Virus Integration Site in Human Immunodeficiency Virus-Associated Lymphomas," <i>Cancer Res.</i> 54:2069-2072.
142. /	Smith, T. F. and Waterman, M. S. (1981). "Comparison of Biosequences," <i>Adv. Appl. Math.</i> 2:482-489.
143. /	Sojar, H. T. and Bahl, O. P. (1987). "A Chemical Method for the Deglycosylation of Proteins," <i>Archives of Biochemistry and Biophysics</i> 259(1):52-57.
144. /	Sorensen, A. B. et al. (1993). "Amplification and Sequence Analysis of DNA Flanking Integrated Proviruses by a Simple Two-Step Polymerase Chain Reaction Method," <i>Journal of Virology</i> 67(12):7118-7124.
145. /	Sorensen, A. B. et al. (1996). "Sequence Tags of Provirus Integration Sites in DNAs of Tumors Induced by the Murine Retrovirus SL3-3," <i>J. Virology</i> 70(6):4063-4070.
146. /	Sorensen, A. B. et al. (2000). "Sintl, a Common Integration Site in SL3-3-Induced T-Cell Lymphomas, Harbors a Putative Proto-Oncogene with Homology to the Septin Gene Family," <i>J. Virology</i> 74(5):2161-2168.
147. /	Sprinzl, M. et al. (1977). "Enzymatic Incorporation of ATP and CTP Analogues Into the 3' End of tRNA," <i>Eur. J. Biochem</i> 81:579-589.
148. /	Stein, C. A. and Cohen, J. S. (1988). "Oligodeoxynucleotides as Inhibitors of Gene Expression: A Review," <i>Cancer Res.</i> 48:2659-2668.
149. /	Sternsdorf, T. et al. (1997). "Nuclear Dots: Actors on Many Stages," <i>Immunobiology</i> 198:307-331.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



Form PTO-1449

Docket Number 529452000121

Application Number 10/085,117

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

David W. MORRIS and Eric K. ENGELHARD

Filing Date February 27, 2002

Group Art Unit 1645

Mailing Date April 15, 2003

- |        |  |
|--------|--|
| 150. / | Suzuki, T. et al. (2002). "New Genes Involved in Cancer Identified by Retroviral Tagging," <i>Nature Genetics Advance Online Publication</i> pp. 1-9.  |
| 151. / | Suzuki, T. et al. (2002). Retroviral Tagging in the Post-Genome Era Identifies New Genes Involved in Cancer. (1 page total)  |
| 152. / | Thotakura, N. R. and Bahl, O. P. (1987). "Enzymatic Deglycosylation of Glycoproteins," <i>In Methods in Enzymology</i> Academic Press, Inc., Vol. 138 pp. 350-359.   |
| 153. / | Tijssen (1993). "Overview of Principles of Hybridization and the strategy of nucleic acid assays," Chapter 2 <i>In Laboratory Techniques in Biochemistry and Molecular Biology</i> , Hybridization with Nucleic Acid Probes Volume 24 Van der Vliet, P. C., ed. Elsevier, Amsterdam, London, New York, and Tokyo, Volume 24 pp. 20-78. |
| 154. / | Van der Krol, A. R et al. (1988). "Modulation of Eukaryotic Gene Expression by Complementary RNA or DNA Sequences," <i>Biotechniques</i> 6(10):958-976.  |
| 155. / | Varmus, H. E. (1983). "Using Retroviruses as Insertional Mutagens to Identify Cellular Oncogenes," <i>In Oncogenes and Retroviruses: Evaluation of Basic Findings and Clinical Potential</i> . Alan R. Liss, Inc., New York. pp. 23-35.  |
| 156. / | Vaughn, J. et al. (2000). "Genomic Structure and Expression of Human <i>KCNJ9</i> (Kir3.3/GIRK3)," <i>Biochem. Biophys. Res. Commun</i> 274(2):302-309.  |
| 157. / | Verhoeyen, M. et al. (1988). "Reshaping Human Antibodies: Grafting an Antilysozyme Activity," <i>Science</i> 239:1534-1536.  |
| 158. / | von Kiedrowski, G. et al. (1991). "Parabolic Growth of a Self-Replicating Hexadeoxynucleotide Bearing a 3'-5'-Phosphoramidate Linkage," <i>Angew. Chem. Int. Ed. Engl</i> 30(4):423-426.   |
| 159. / | Washington University. (2002). "Washington University BLASTArchives" located at < <a href="http://blast.wustl.edu">http://blast.wustl.edu</a> > visited on December 15, 2002, three pages  |
| 160. / | Wolford, J. K. (2001). "Analysis of Linkage Disequilibrium Between Polymorphisms in the <i>KCNJ9</i> Gene with Type 2 Diabetes Mellitus in Pima Indians," <i>Mol. Genet. Metab.</i> 73(1):97-103.  |
| 161. / | Zhang, W-X and Yang, S. Y. (2000). "Cloning and Characterization of a New Member of the T-Box Gene Family," <i>Genomics</i> 70(1):41-48.   |
| 162. / | Zlokarnik, G. et al. (1998). "Quantitation of Transcription and Clonal Selection of Single Living Cells with $\beta$ -Lactamase as Reporter," <i>Science</i> 279:84-88.  |

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

RECEIVED  
APR 28 2003  
TECH CENTER 1600/2900